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Docket No.: NHL-SCT-16

## ZINC-CONTAINING OPTICAL GLASS MATERIALS

### ABSTRACT OF THE DISCLOSURE

Zinc-containing optical glass materials with a refractive index  $n_d$  between 1.52 and 1.66, an Abbe number  $v_d$  of between 35 and 54 and a composition (in % by weight based on oxide) of:  $\text{SiO}_2$  38 - 58,  $\text{ZnO}$  0.3 - 42,  $\text{PbO}$  0 - <30,  $\text{ZnO}+\text{PbO}$  20 - 55,  $\text{Li}_2\text{O}$  0 - <3,  $\text{Na}_2\text{O}$  0 - 14,  $\text{K}_2\text{O}$  0 - 12,  $\text{Li}_2\text{O}+\text{Na}_2\text{O}+\text{K}_2\text{O}$   $\geq 2$ ,  $\text{F}$  0 - 3,  $\text{MgO}$  0 - 6,  $\text{CaO}$  0 - <5,  $\text{SrO}$  0 - 6,  $\text{BaO}$  0 - <0.9,  $\text{B}_2\text{O}_3$  0 - <1,  $\text{Al}_2\text{O}_3$  0 - <1.5 and  $\text{ZrO}_2$  0 - <2 and, if appropriate, refining agents in the customary amounts.